FIG. 1

EP SYSTEM

SNAPSHOT SET	MEASURED VALUE	MEASUREMENT DATA
1 ~ 122	2 ~ 124	HR=80 ~ 126
1	0	
1	-2	
1	-4	
2	-3	HR=80
2	1	
2	1	
2	2	

120

PM SYSTEM

SNAPSHOT	MEASURED LOCATION
1 ~ 122	$\{(X_1Y_1Z_1),(X_2Y_2Z_2),(X_3Y_3Z_3),(X_4Y_4Z_4)\}$ ~ 132
2	$\{(X_1Y_1Z_1),(X_2Y_2Z_2),(X_3Y_3Z_3),(X_4Y_4Z_4)\}$

130

FIG. 1A

SNAPSHOT	MEASURED LOCATION	MEASURED VALUE
1	$\{(X_1Y_1Z_1) \ldots \}$	–
2	$\{(X_1Y_1Z_1) \ldots \}$	{ -3,1,1,2 }
3	$\{(X_1Y_1Z_1) \ldots \}$	

140

FIG. 2

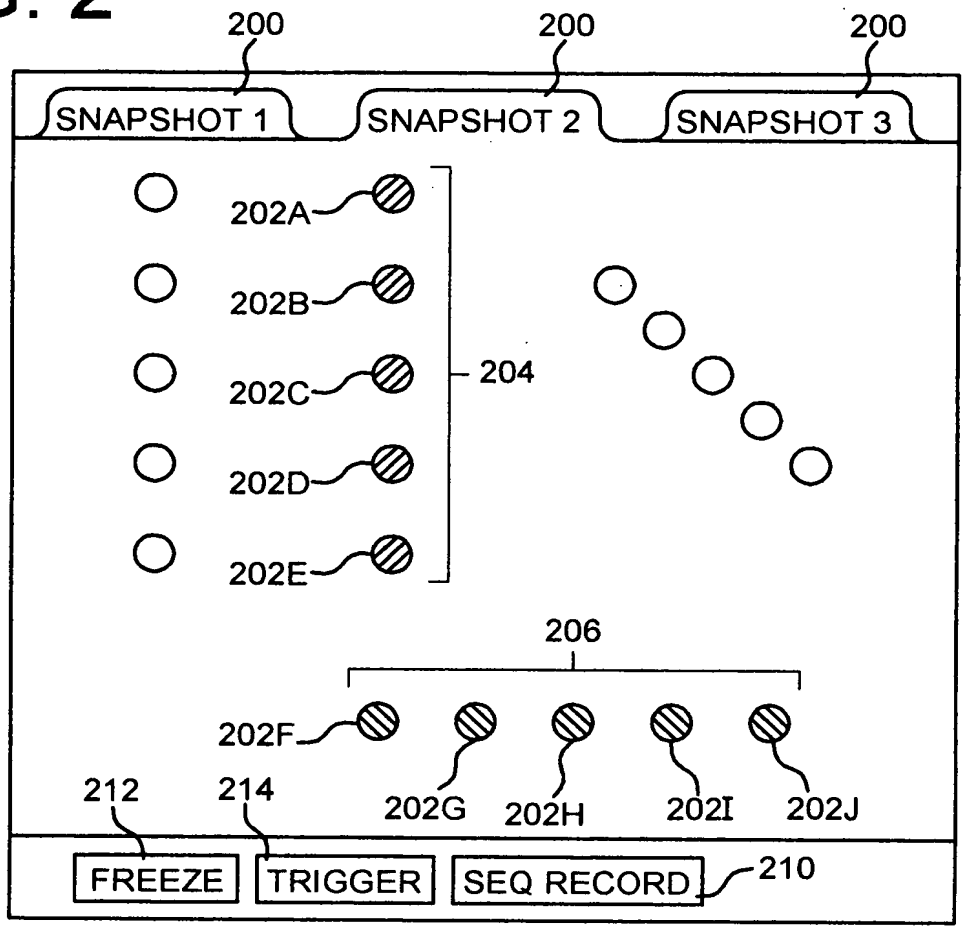
200
200
200
SNAPSHOT 1
SNAPSHOT 2
SNAPSHOT 3
202A
202B
202C
202D
202E
204
206
202F
202G
202H
202I
202J
212
214
FREEZE
TRIGGER
SEQ RECORD
210

FIG. 3

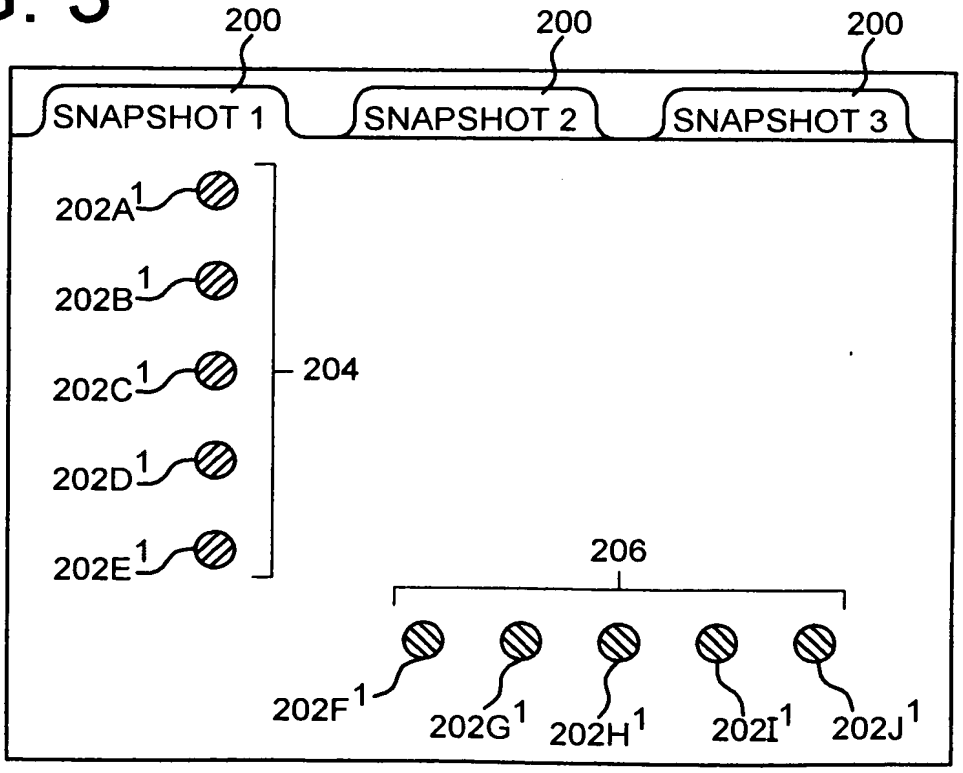
200
200
200
SNAPSHOT 1
SNAPSHOT 2
SNAPSHOT 3
202A1
202B1
202C1
202D1
202E1
204
206
202F1
202G1
202H1
202I1
202J1

FIG. 4

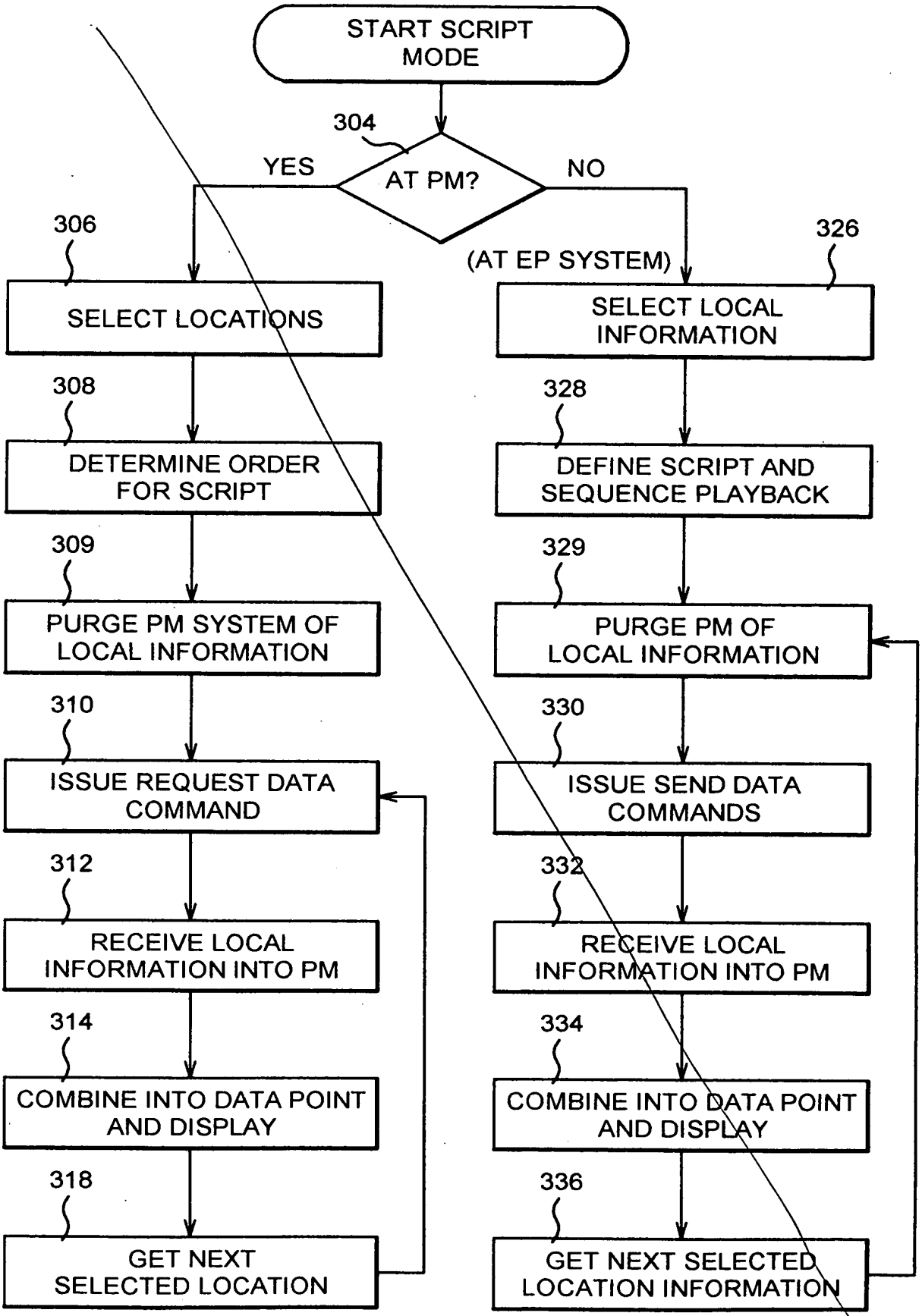
START SCRIPT MODE
304
AT PM?
YES
NO
306
SELECT LOCATIONS
308
DETERMINE ORDER FOR SCRIPT
309
PURGE PM SYSTEM OF LOCAL INFORMATION
310
ISSUE REQUEST DATA COMMAND
312
RECEIVE LOCAL INFORMATION INTO PM
314
COMBINE INTO DATA POINT AND DISPLAY
318
GET NEXT SELECTED LOCATION
(AT EP SYSTEM)
326
SELECT LOCAL INFORMATION
328
DEFINE SCRIPT AND SEQUENCE PLAYBACK
329
PURGE PM OF LOCAL INFORMATION
330
ISSUE SEND DATA COMMANDS
332
RECEIVE LOCAL INFORMATION INTO PM
334
COMBINE INTO DATA POINT AND DISPLAY
336
GET NEXT SELECTED LOCATION INFORMATION

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FIG. 4

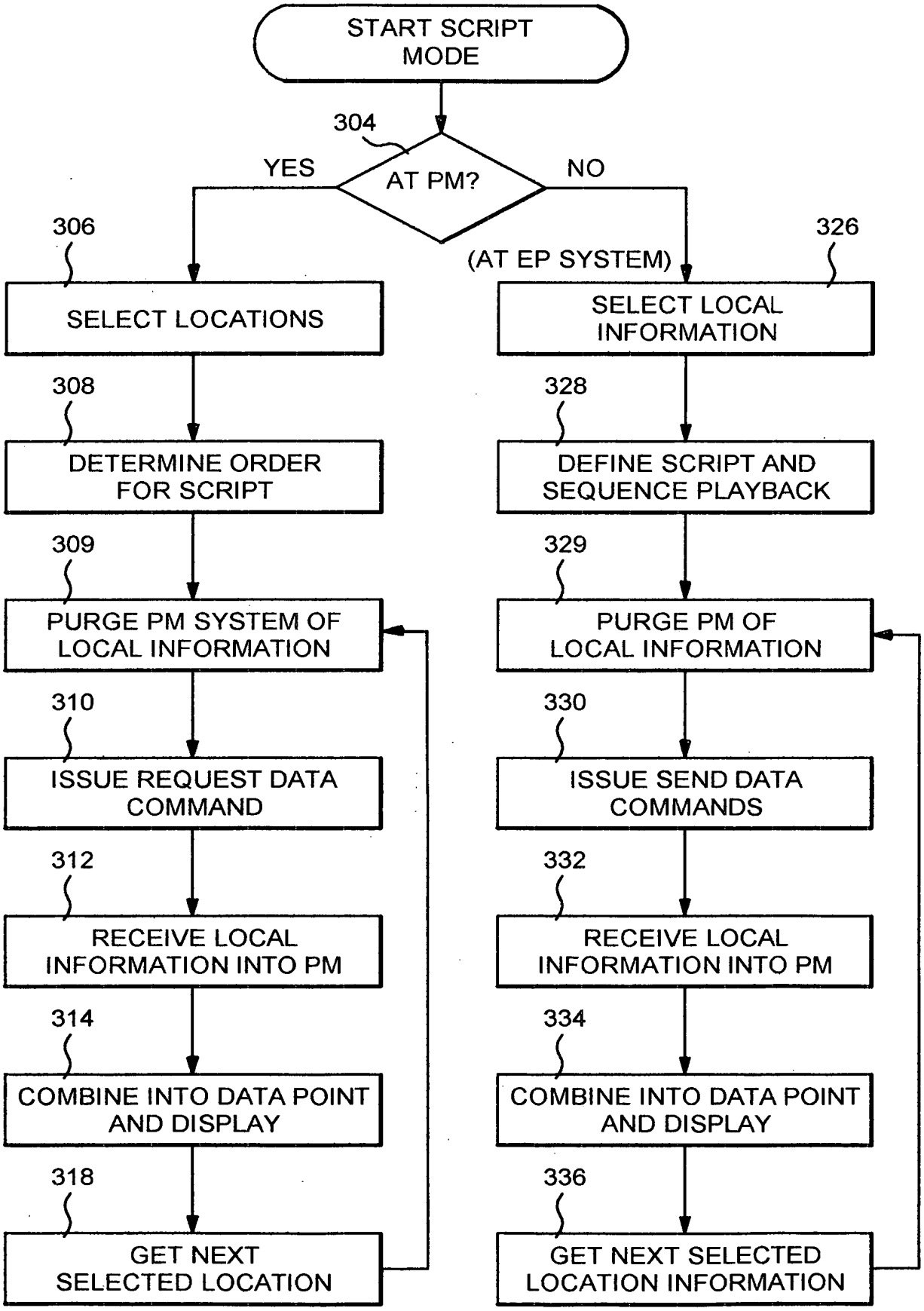


FIG. 5

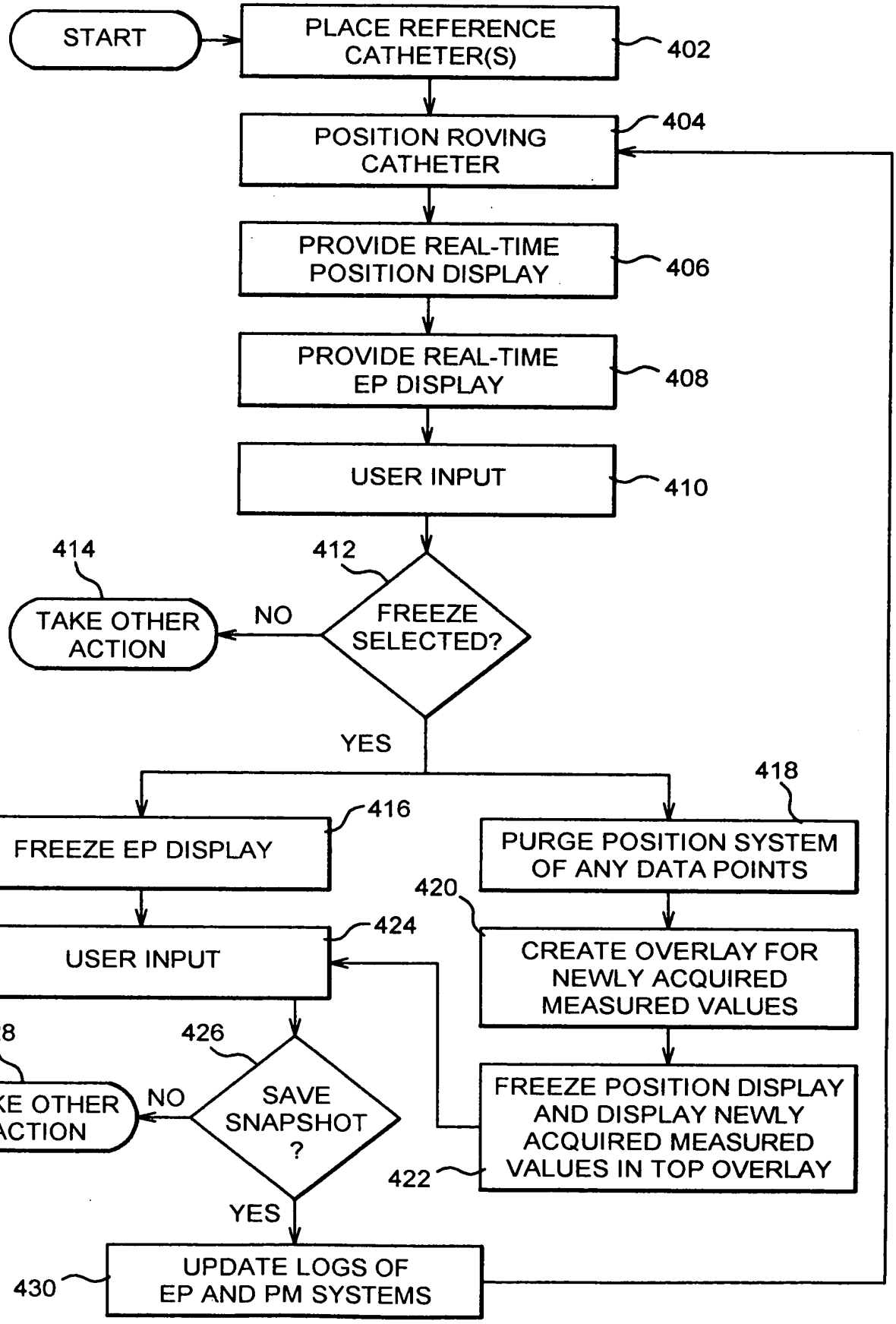
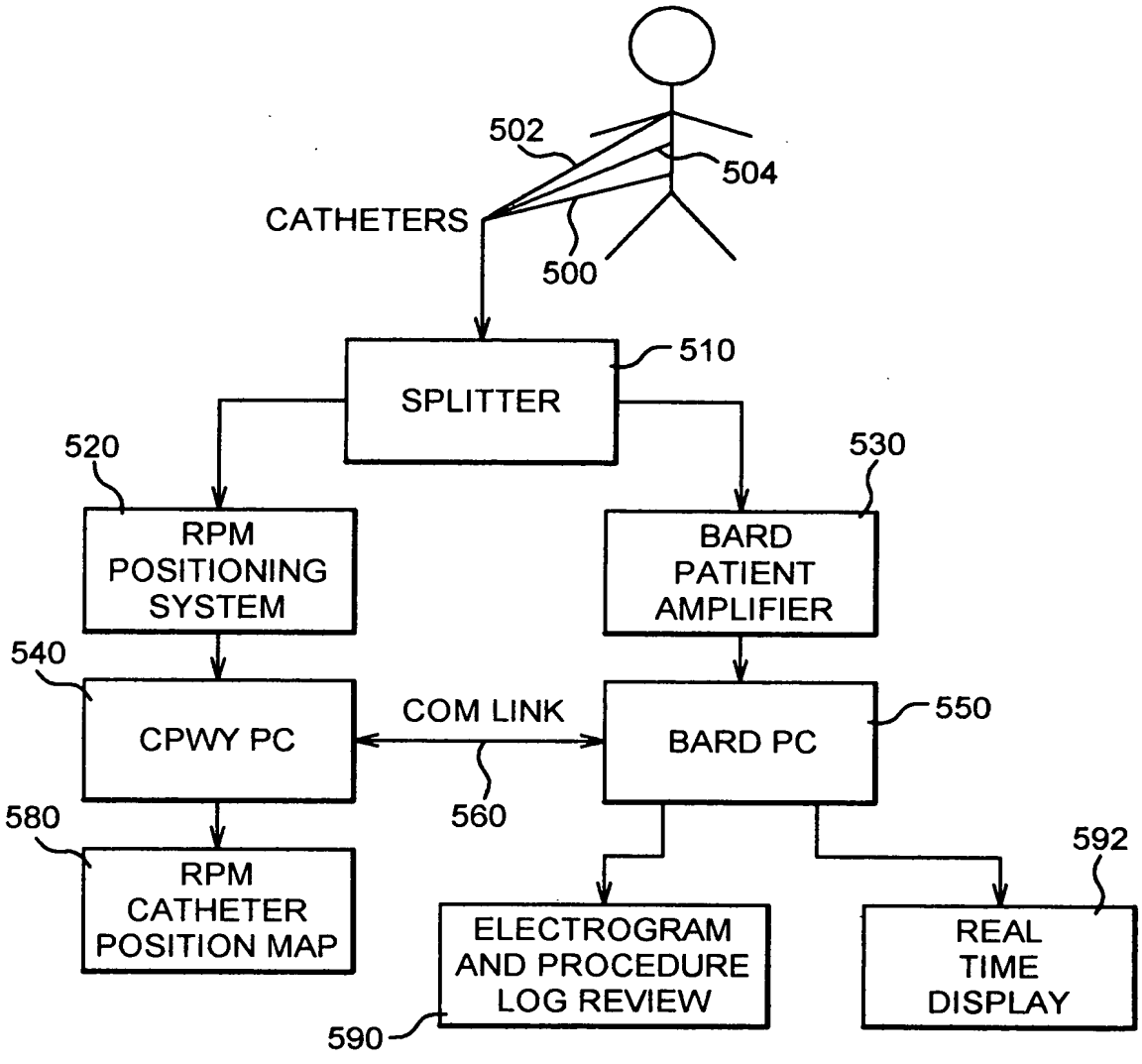

START
PLACE REFERENCE CATHETER(S)
402
POSITION ROVING CATHETER
404
PROVIDE REAL-TIME POSITION DISPLAY
406
PROVIDE REAL-TIME EP DISPLAY
408
USER INPUT
410
412
FREEZE SELECTED?
NO
414
TAKE OTHER ACTION
YES
416
FREEZE EP DISPLAY
418
PURGE POSITION SYSTEM OF ANY DATA POINTS
420
CREATE OVERLAY FOR NEWLY ACQUIRED MEASURED VALUES
422
FREEZE POSITION DISPLAY AND DISPLAY NEWLY ACQUIRED MEASURED VALUES IN TOP OVERLAY
424
USER INPUT
426
SAVE SNAPSHOT ?
NO
428
TAKE OTHER ACTION
YES
430
UPDATE LOGS OF EP AND PM SYSTEMS

FIG. 6


502
504
CATHETERS
500
510
SPLITTER
520
530
RPM POSITIONING SYSTEM
BARD PATIENT AMPLIFIER
540
CPWY PC
COM LINK
BARD PC
550
560
580
RPM CATHETER POSITION MAP
592
ELECTROGRAM AND PROCEDURE LOG REVIEW
REAL TIME DISPLAY
590